





Cessna 195



- VAA was founded in 1971; 6,500 of the 170,000 EAA members belong to VAA.
- VAA Membership:
  - 20% are A&P mechanics
  - 77% of our members own at least one aircraft
    - Of those, 42% own an aircraft built in the years 1945-1955



1928 General Aircraft *Thunderbird*



- Est. total of GA Fleet: Approx. 200,000.
- Majority are over 25 years old.
- Approx. 60,000 were built before 1971.
- Vast Majority were certified under CAR 3.

# Beechcraft Bonanza



# EAA & VAA Programs

- SportAir Workshops: People learn the skills needed to build or restore their own aircraft, or earn their Repairman Light-Sport Aircraft Inspection certificate
- Aviation Safety Programs:
  - Technical Counselors
  - Flight Advisors



1932 Pitcairn PA-18 Autogiro

# FAA & Industry

- Best Practices Guide for Maintaining Aging General Aviation Airplanes issued jointly by FAA and industry in 2003
- Advisory Circular 23-27, *Parts and Materials Substitutions for Vintage Aircraft*, issued in 2009

# Piper Comanche





- We interact regularly with over 80 Type Clubs
- Type Clubs are critical to keeping maintenance and operational expertise
- A Type Club Coalition is under development to create best practices guidance, and share maintenance information



Piper Tri-Pacer



- VAA and the Type Clubs often serve as information resources for obtaining parts and maintenance data
- Data availability Legislation



Cessna 210

# Airworthiness Issues

- Maintenance concerns are the No. 1 issue for VAA Members
- Parts supply for vintage aircraft
  - Original Parts
  - Use of approved more modern materials
  - Installation of safety-enhancing Equipment

# Airworthiness Issues

- More restrictive regulations in the future, such as operational restrictions (NextGen?)
- Concerns regarding aviation fuel
- Decreasing number of participants in GA, both pilots and mechanics
- Overly restrictive STC and Field Approval policies
- DAR/DER Policies
- VDER Program



1946 Piper J-3 Cub

